

Title (en)

Power take-off system and gas turbine assembly including same

Title (de)

Kraftübertragungssystem und Gasturbinenanordnung damit

Title (fr)

Système de prise de force et ensemble de turbine à gaz l'incluant

Publication

EP 1980732 A3 20110323 (EN)

Application

EP 08153120 A 20080320

Priority

US 69574107 A 20070403

Abstract (en)

[origin: EP1980732A2] A power take-off system (100,400,500) for a gas turbine engine assembly (10) is provided. The gas turbine engine includes a first spool (40) and a second spool (42), the power take-off system including a starter (102) coupled to the second spool, and a clutch assembly (200) coupled between the starter and the first spool, the clutch assembly configured to couple the first spool to the starter when starting the gas turbine engine assembly.

IPC 8 full level

F02C 7/32 (2006.01)

CPC (source: EP US)

F02C 7/275 (2013.01 - EP US); **F02C 7/32** (2013.01 - EP US); **F02C 7/36** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US); **Y10T 29/49245** (2015.01 - EP US)

Citation (search report)

- [X] EP 1519018 A1 20050330 - ROLLS ROYCE PLC [GB]
- [X] WO 9502120 A1 19950119 - ROLLS ROYCE PLC [GB], et al

Cited by

US9863325B2; FR2957585A1; FR3026787A1; RU2702071C2; EP2530282A1; EP2192291A3; EP3957832A1; US10954862B2; US8814502B2; FR3020399A1; FR3020409A1; US2017044988A1; RU2673027C2; EP3611360A1; WO2016055727A1; WO2011114055A1; WO2012137844A1; WO2014134256A1; US10352247B2; US10487747B2; US9765861B2; US9890839B2; US10995674B2; WO2015166178A1; WO2015166187A1; JP5583847B2; EP2961968B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1980732 A2 20081015; **EP 1980732 A3 20110323**; **EP 1980732 B1 20121107**; CA 2627380 A1 20081003; CA 2627380 C 20151103; CN 101280726 A 20081008; CN 101280726 B 20140604; US 2009064683 A1 20090312; US 8015828 B2 20110913

DOCDB simple family (application)

EP 08153120 A 20080320; CA 2627380 A 20080320; CN 200810090585 A 20080403; US 69574107 A 20070403